THE STUDY OF LIFE
From cells to micro- and macro-organisms, populations, communities, and ecosystems.

DEPARTMENT OF
INTEGRATIVE BIOLOGY

WHAT CAN YOU DO TO GET READY?

High school students interested in any of the IB concentrations should:

- Take as many of the biology, chemistry, and mathematics courses available at your high school as you can.
- Obtain a strong high school foundation in science courses, rather than focusing on AP or Dual Enrollment credit in general education disciplines.
- Take whatever opportunities exist at your high school to improve your study skills and study habits.
- Volunteer at a zoo, park, veterinarian’s office, aquarium, or conservation organization.
- Pursue hobbies that provide useful skills, such as scuba diving.

PREPARE FOR YOUR FUTURE IN...

HEALTH PROFESSIONS:
- Physician
- Veterinarian
- Physical therapist
- Dentist
- Optometrist
- Chiropractor

ENVIRONMENTAL PROFESSIONS:
- Ecologist
- Epidemiologist
- Marine scientist
- Conservation biologist
- Wildlife biologist
- Pathogenic microbiologist

BIOTECHNOLOGY
- Water and soil microbiologist
- Environmental restoration biologist
- Agricultural biologist
- Toxicologist
- Forensic scientist

EDUCATION:
- School teacher,
- Zoo biologist,
- Aquarium biologist
- Theme park biologist
- Museum educator

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Department Contact Information
Hours: M-F 8:00 AM to 5:00 PM
Phone (813) 974-6210
http://biology.usf.edu/ib

Undergraduate Advising Office
BioAdvise • SCA 203
Phone: 813.974.3250
Email: bioadvise@cas.usf.edu
http://biology.usf.edu/bioadvise

Integrative Biology
4202 E. Fowler Avenue • Tampa, FL 33620
813.974.3250
The Department of Integrative Biology offers three degree concentrations:

- Integrative Animal Biology,
- Marine Biology, and
- Environmental Biology.

Ample opportunity exists to develop individual study plans within each of the concentrations.

INTEGRATIVE ANIMAL BIOLOGY
Students specialize in the study of animals. Coursework focuses on the structure and function of invertebrates, humans, or other vertebrates.

The Integrative Animal Biology concentration allows students interested in professional or graduate school to take a variety of coursework.

MARINE BIOLOGY
Students specialize in the study of life in the oceans. Coursework focuses on the structure and function of invertebrates, humans, or other vertebrates.

The specialized Marine Biology concentration requires students to meet high standards for admission and retention.

ENVIRONMENTAL MICROBIOLOGY
Students specialize in the study of the roles that microorganisms play in the environment. Coursework focuses on the diversity of microorganisms and their functioning within natural systems.

Coursework within the Environmental Microbiology Track can lead to ASM certification.

ECOLOGY AND BIODIVERSITY
Students specialize in the study of how organisms interact with the environment, and how they adapt to changing environments. Coursework focuses on ecology, evolution, and conservation.

Students interested in plants should work with advisors to develop a study plan within the Ecology and Biodiversity track.

Visit our us at http://biology.usf.edu/ib/